

SA 1848. Mr. SASSE submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. ____ . AUTHORIZATION OF APPROPRIATIONS FOR THE DEFENSE ADVANCED RESEARCH PROJECTS AGENCY.

Notwithstanding any other provision of law, there is authorized to be appropriated for the Defense Advanced Research Projects Agency \$7,000,000,000 for each of fiscal years 2022 through 2026.

SA 1849. Mr. SASSE submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end of title V of division B, add the following:

SEC. ____ . OFFICE OF SCIENCE AND TECHNOLOGY POLICY ARTIFICIAL INTELLIGENCE- AND MACHINE LEARNING-ENABLED GAME.

(a) IN GENERAL.—The Director of the Office of Science and Technology and Policy, in coordination with the Secretary of State, the Secretary of the Treasury, the Secretary of Defense, the Attorney General of the United States, the Secretary of Energy, the Secretary of Homeland Security, the Director of National Intelligence, and the heads of such other agencies as the Director of the Office of Science and Technology Policy considers appropriate, shall conduct an artificial intelligence- and machine learning-enabled game of games covering each instrument of national power.

(b) PLAN REQUIRED.—

(1) IN GENERAL.—The Director of the Office of Science and Technology Policy shall submit to Congress a plan for the execution of the game described in subsection (a).

(2) FORM.—The plan required by paragraph (1) shall be submitted in classified form.

(c) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to the Office of Science and Technology Policy to carry out this section \$100,000,000 for fiscal year 2022.

SA 1850. Mr. BLUMENTHAL submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to

require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place in title V of division B, insert the following:

SEC. ____ . INVESTIGATION AND REPORT ON EDGE NETWORK AUDIO VISUAL SYSTEMS INVOLVING A FOREIGN ADVERSARY.

(a) DEFINITIONS.—In this section:

(1) EDGE NETWORK AUDIO VISUAL SYSTEM.—The term “edge network audio visual system” means audio-visual communications equipment used at the edge of telecommunications networks, such as headsets, webcams or other video cameras, desk telephones, conference telephones, videoconferencing devices, and related services, to facilitate voice and video communications.

(2) FOREIGN ADVERSARY.—The term “foreign adversary” means any foreign government or foreign non-government person engaged in a long term pattern or serious instances of conduct significantly adverse to the national security of the United States or security and safety of United States persons.

(3) ICTS TRANSACTION.—The term “ICTS Transaction” has the meaning given such term in section 7.2 of part 7 of title 15, Code of Federal Regulations, as in effect on the day before the date of the enactment of this Act.

(b) SENSE OF CONGRESS.—It is the sense of Congress that—

(1) the reliance on edge network audio visual systems has increased significantly as a result of changes in workplace environment and adoption of new technologies, including during Coronavirus Disease 2019 (COVID-19) pandemic, with more widespread uptake of remote work, meetings, virtual offices, and other communications; and

(2) the use of edge network audio visual systems increasingly involves sensitive personal, business, and government information that could present a cybersecurity or national security risk based on the presence of security vulnerabilities or when a manufacturer is susceptible to undue influence by foreign adversaries.

(c) INVESTIGATION AND REPORT.—

(1) INVESTIGATION.—Not later than 30 days after the date of the enactment of this Act, the Secretary of Commerce shall, in consultation with the heads of such other Federal departments and agencies as the Secretary considers appropriate, commence an investigation regarding—

(A) whether certain manufacturers of edge network audio visual systems and associated ICTS Transactions involving a foreign adversary may present an undue or unacceptable risk to cybersecurity or national security; and

(B) if so, whether restrictions should be imposed on such edge network audio visual systems and associated ICTS Transactions in accordance with such part.

(2) REPORT.—

(A) IN GENERAL.—Not later than 90 days after the date of the enactment of this Act, the Secretary shall submit to Congress a report on the results of such investigation.

(B) FORM.—The report submitted under subparagraph (A) shall be submitted in unclassified form, but may contain a classified annex. The unclassified portion of the report shall include information about the results of the investigation and recommendations.

SA 1851. Mr. THUNE (for himself, Mr. TESTER, Mr. MORAN, and Mr. PETERS) submitted an amendment intended to

be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end of division F, add the following:

TITLE IV—TELECOMMUNICATIONS INDUSTRY WORKFORCE

SEC. 6401. SHORT TITLE.

This title may be cited as the “Telecommunications Skilled Workforce Act”.

SEC. 6402. TELECOMMUNICATIONS INTERAGENCY WORKING GROUP.

(a) IN GENERAL.—Part I of title III of the Communications Act of 1934 (47 U.S.C. 301 et seq.) is amended by adding at the end the following:

“SEC. 344. TELECOMMUNICATIONS INTERAGENCY WORKING GROUP.

“(a) DEFINITION.—In this section, the term ‘telecommunications interagency working group’ means the interagency working group established under subsection (b)(1).

“(b) ESTABLISHMENT.—

“(1) IN GENERAL.—Not later than 60 days after the date of enactment of this section, the Chairman of the Commission, in partnership with the Secretary of Labor, shall establish within the Commission an interagency working group to develop recommendations to address the workforce needs of the telecommunications industry, including the safety of that workforce.

“(2) DATE OF ESTABLISHMENT.—The telecommunications interagency working group shall be considered established on the date on which a majority of the members of the working group have been appointed, consistent with subsection (d).

“(c) DUTIES.—In developing recommendations under subsection (b), the telecommunications interagency working group shall—

“(1) determine whether, and if so how, any Federal laws, regulations, guidance, policies, or practices, or any budgetary constraints, may be amended to strengthen the ability of institutions of higher education (as defined in section 101 of the Higher Education Act of 1965 (20 U.S.C. 1001)) or for-profit businesses to establish, adopt, or expand programs intended to address the workforce needs of the telecommunications industry, including the workforce needed to build and maintain the 5G wireless infrastructure necessary to support 5G wireless technology;

“(2) identify potential policies and programs that could encourage and improve coordination among Federal agencies, between Federal agencies and States, and among States, on telecommunications workforce needs;

“(3) identify ways in which existing Federal programs, including programs that help facilitate the employment of veterans and military personnel transitioning into civilian life, could be leveraged to help address the workforce needs of the telecommunications industry;

“(4) identify ways to improve recruitment in workforce development programs in the telecommunications industry;

“(5) identify Federal incentives that could be provided to institutions of higher education, for-profit businesses, State workforce development boards established under section 101 of the Workforce Innovation and Opportunity Act (29 U.S.C. 3111), or other relevant stakeholders to establish or adopt new